

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050866

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03K5/13 H03K3/03

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03K H03L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 06 927 A (MITSUBISHI ELECTRIC CORP) 28 December 2000 (2000-12-28) column 15, line 63 - column 17, line 58; figure 6	1-4
X	US 5 712 582 A (OKAYASU TOSHIYUKI ET AL) 27 January 1998 (1998-01-27)	6-10
A	column 1, line 27 - line 67; figure 4	5
X	US 6 147 532 A (UEDA MASAHIRO) 14 November 2000 (2000-11-14) figure 7	6,7
A	US 2003/048141 A1 (SUDA MASAKATSU) 13 March 2003 (2003-03-13) abstract; figure 5	6-13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 October 2004

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12/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 182 236 B1 (CULLEY PAUL R ET AL) 30 January 2001 (2001-01-30) abstract; figure 2 -----	
A	DE 198 52 428 C (SIEMENS AG) 25 May 2000 (2000-05-25) abstract; figure 5 -----	

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Information on patent family members

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